

FIG. 1

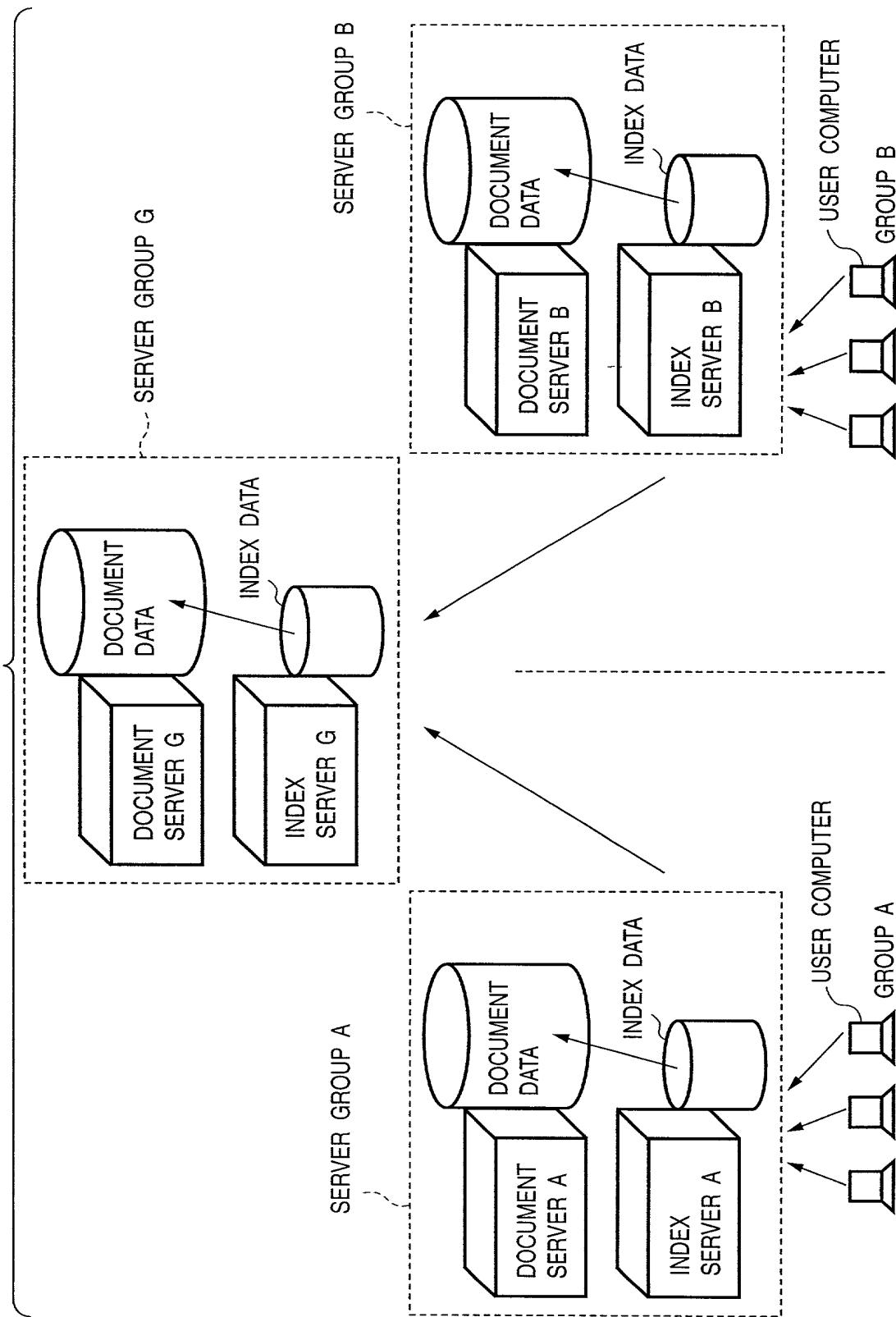


FIG. 2

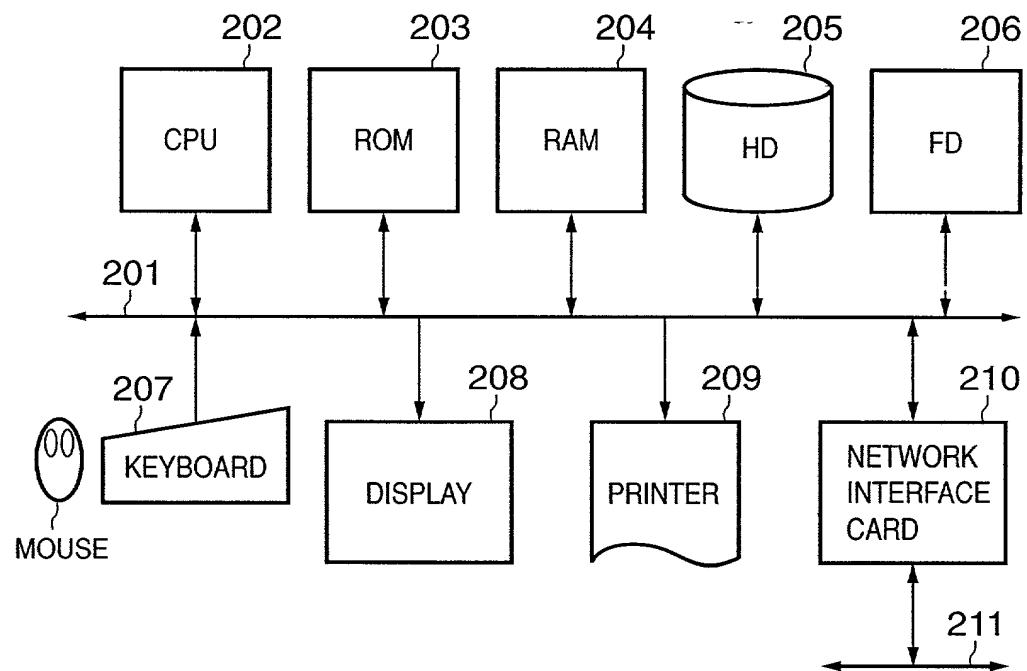


FIG. 3

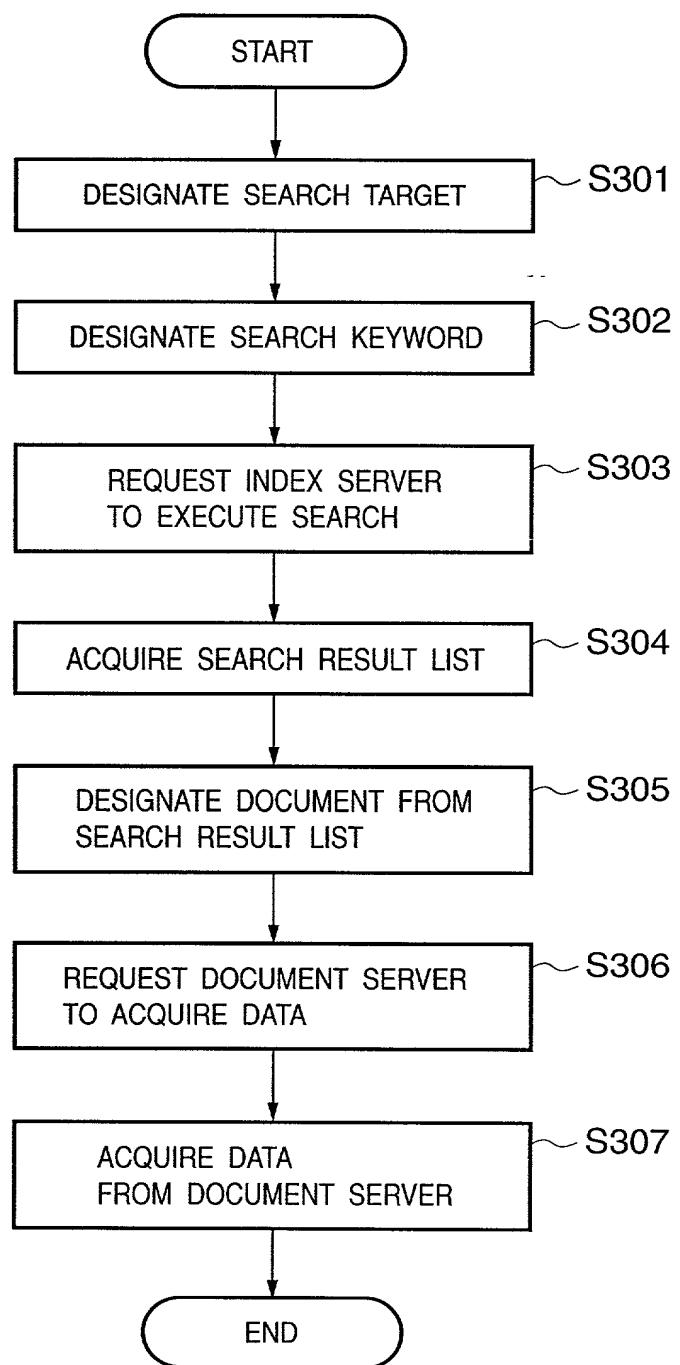


FIG. 4

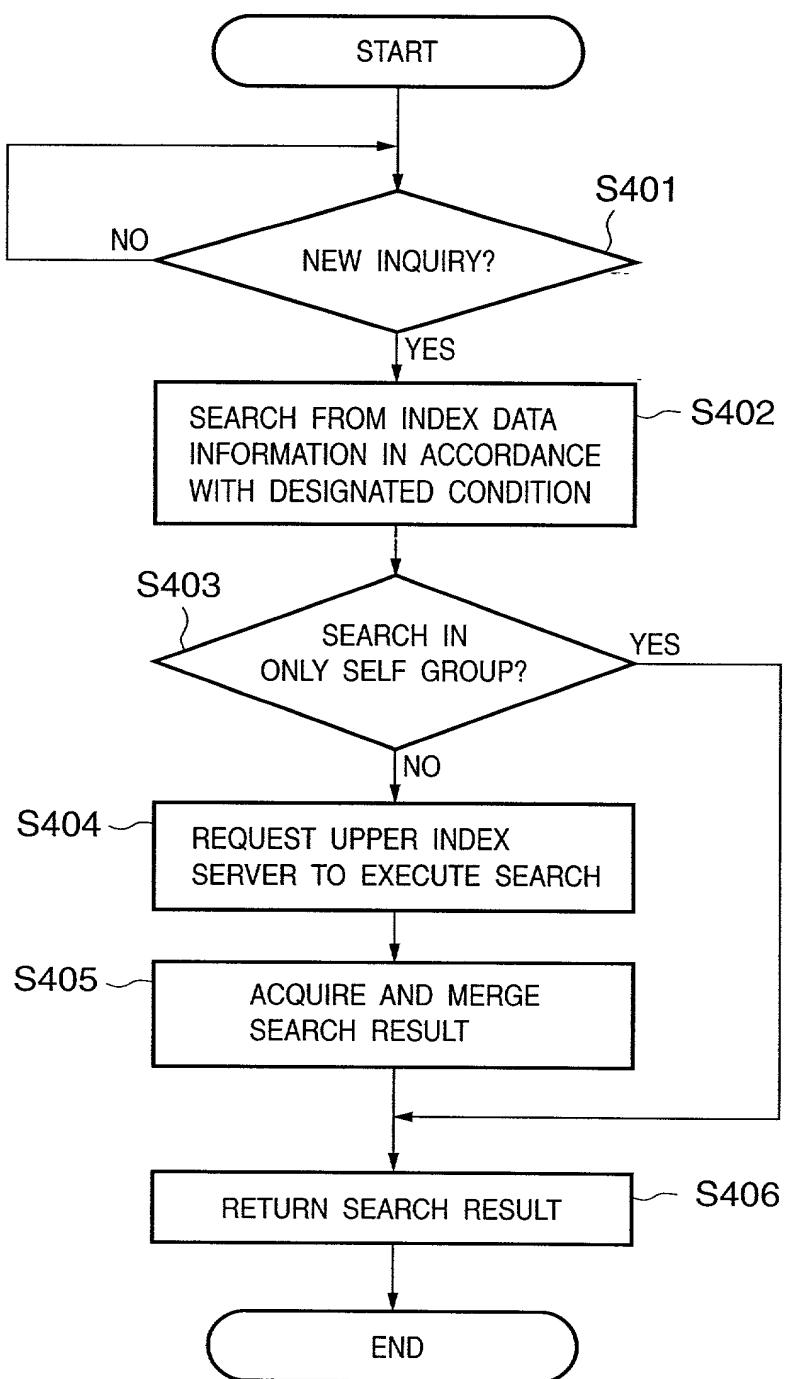


FIG. 5

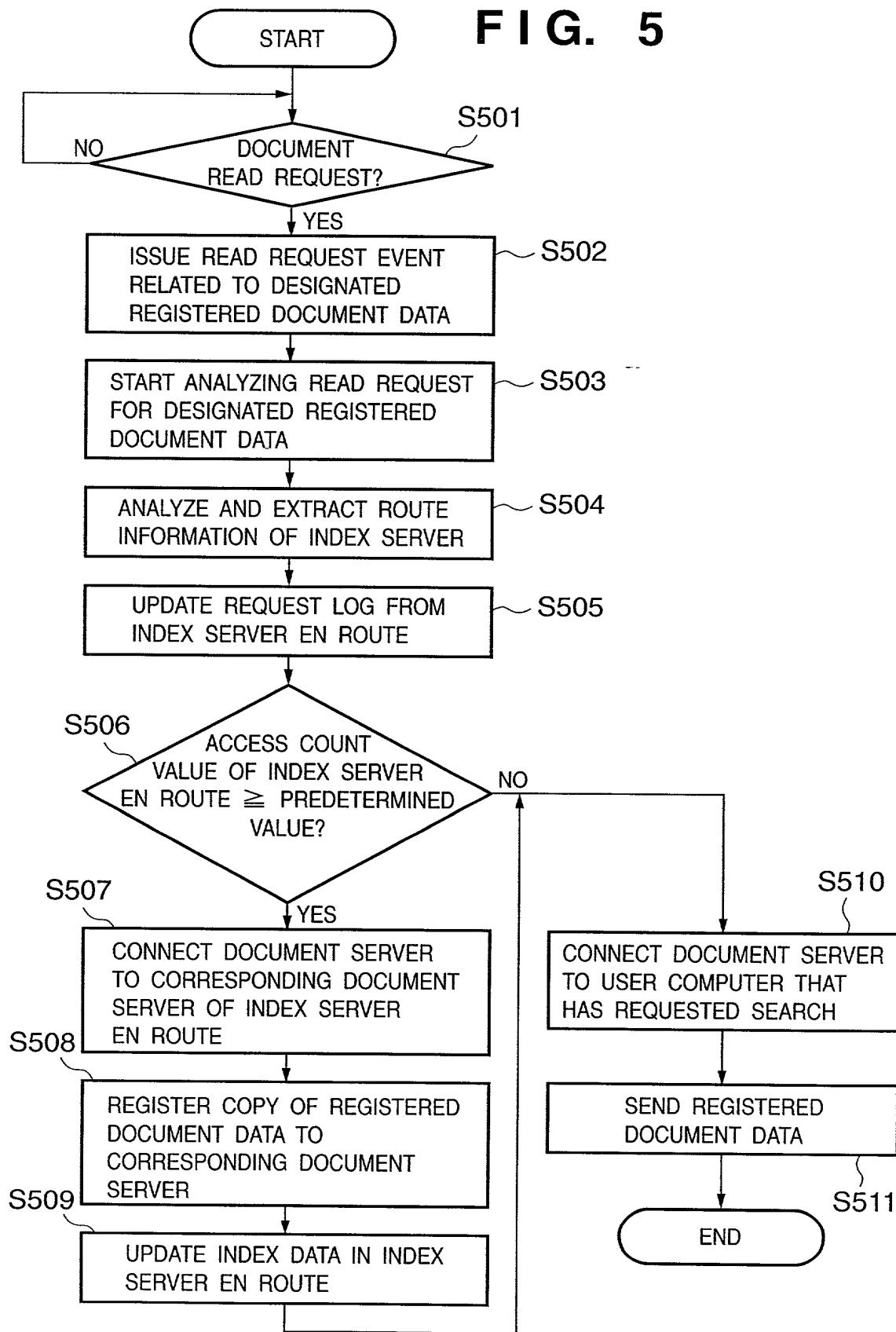


FIG. 6

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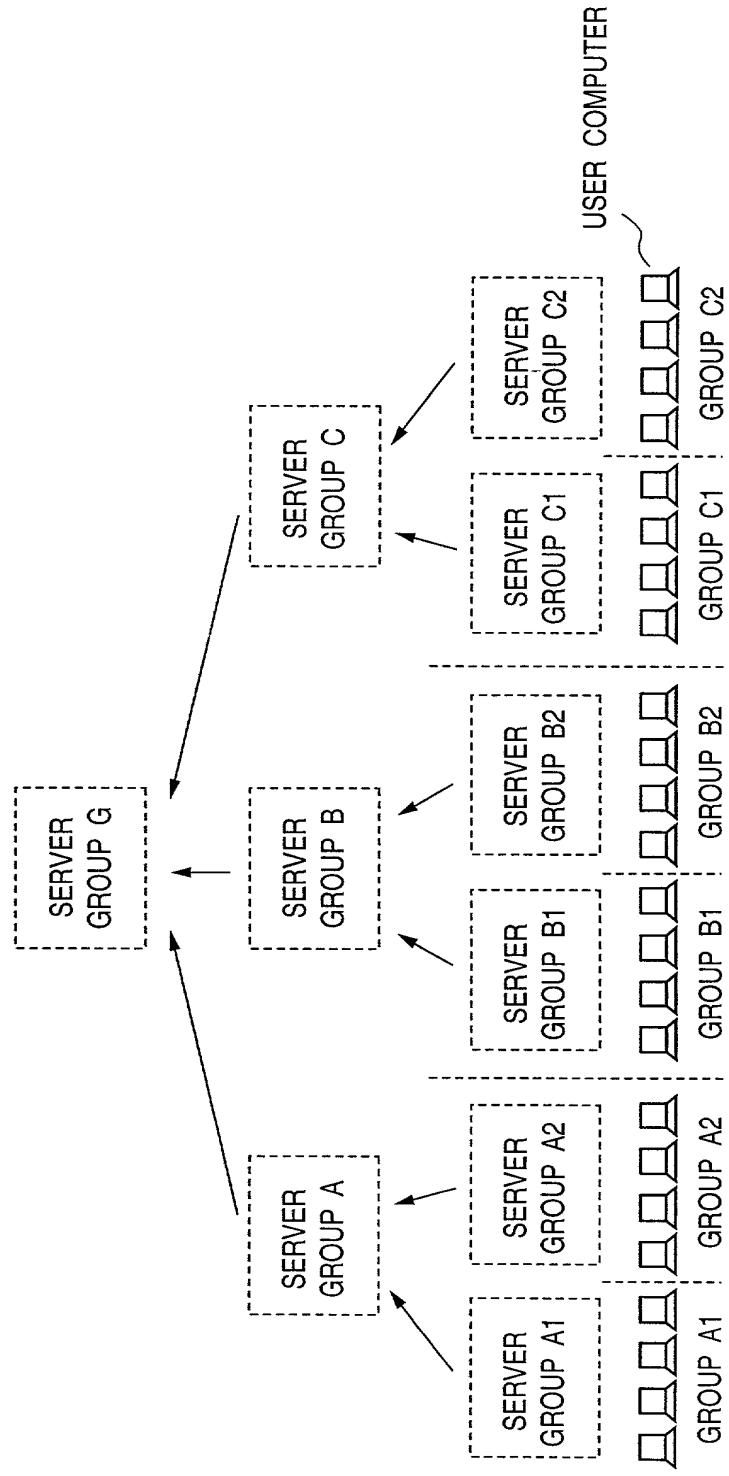


FIG. 7

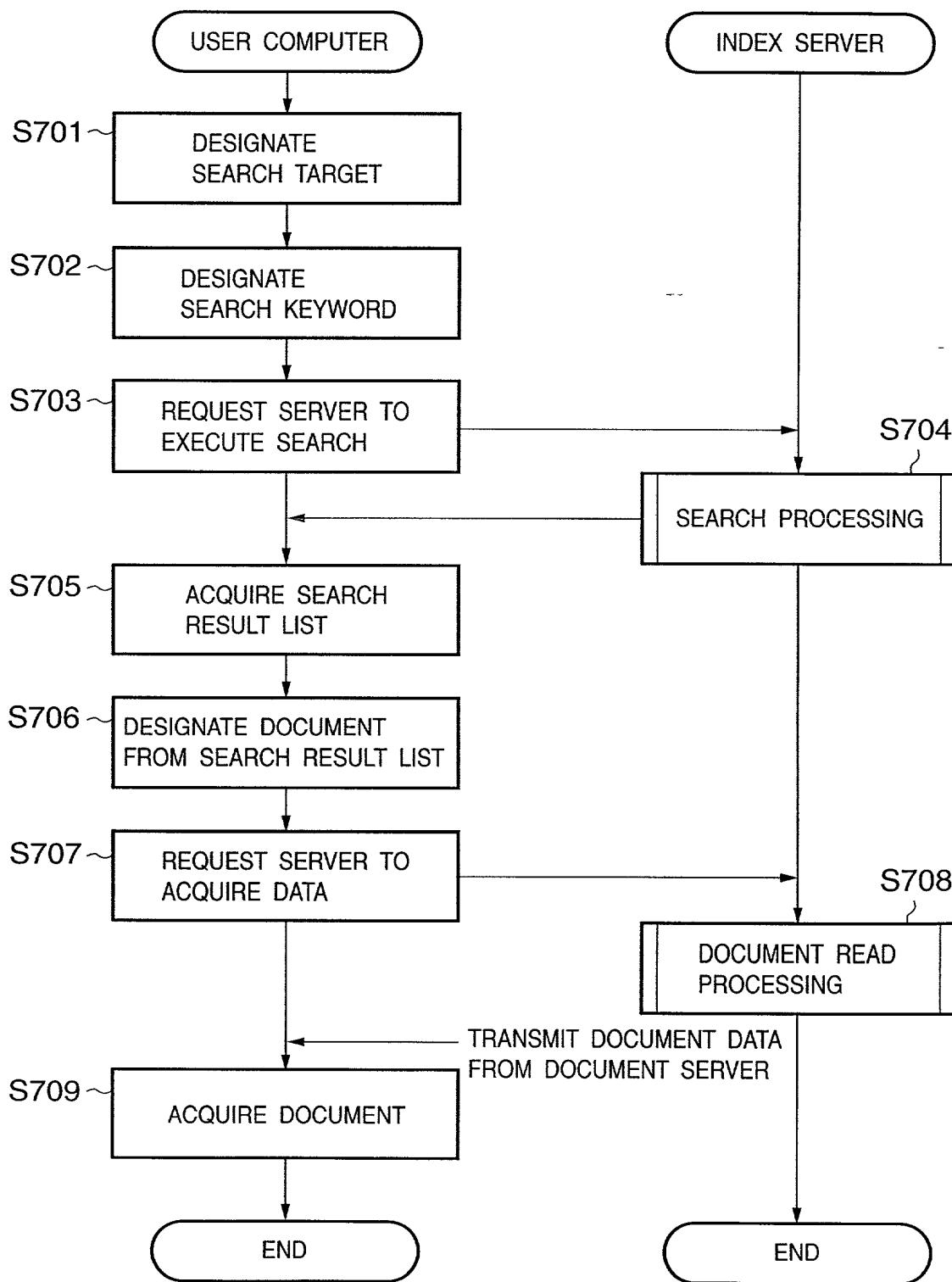


FIG. 8

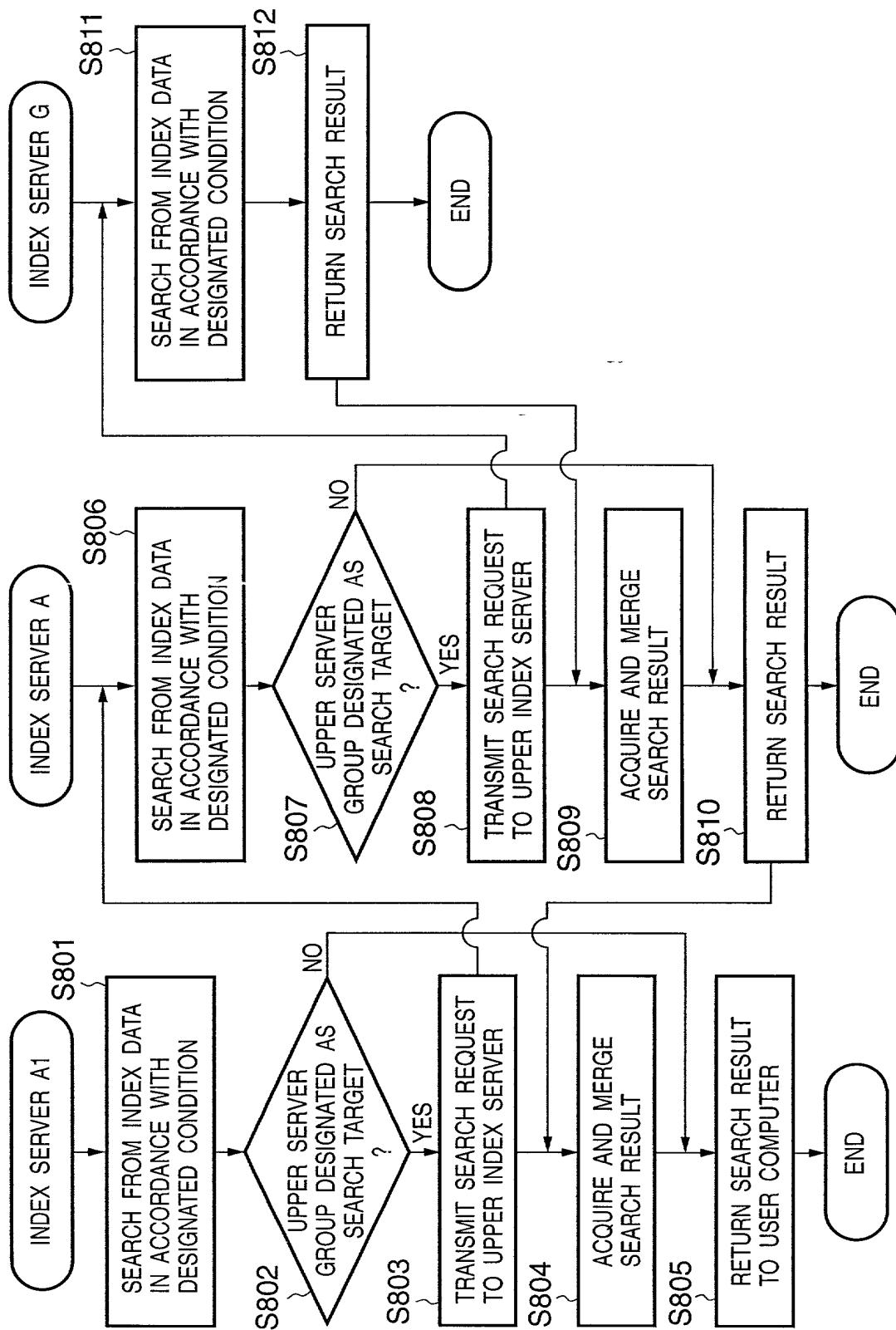


FIG. 9

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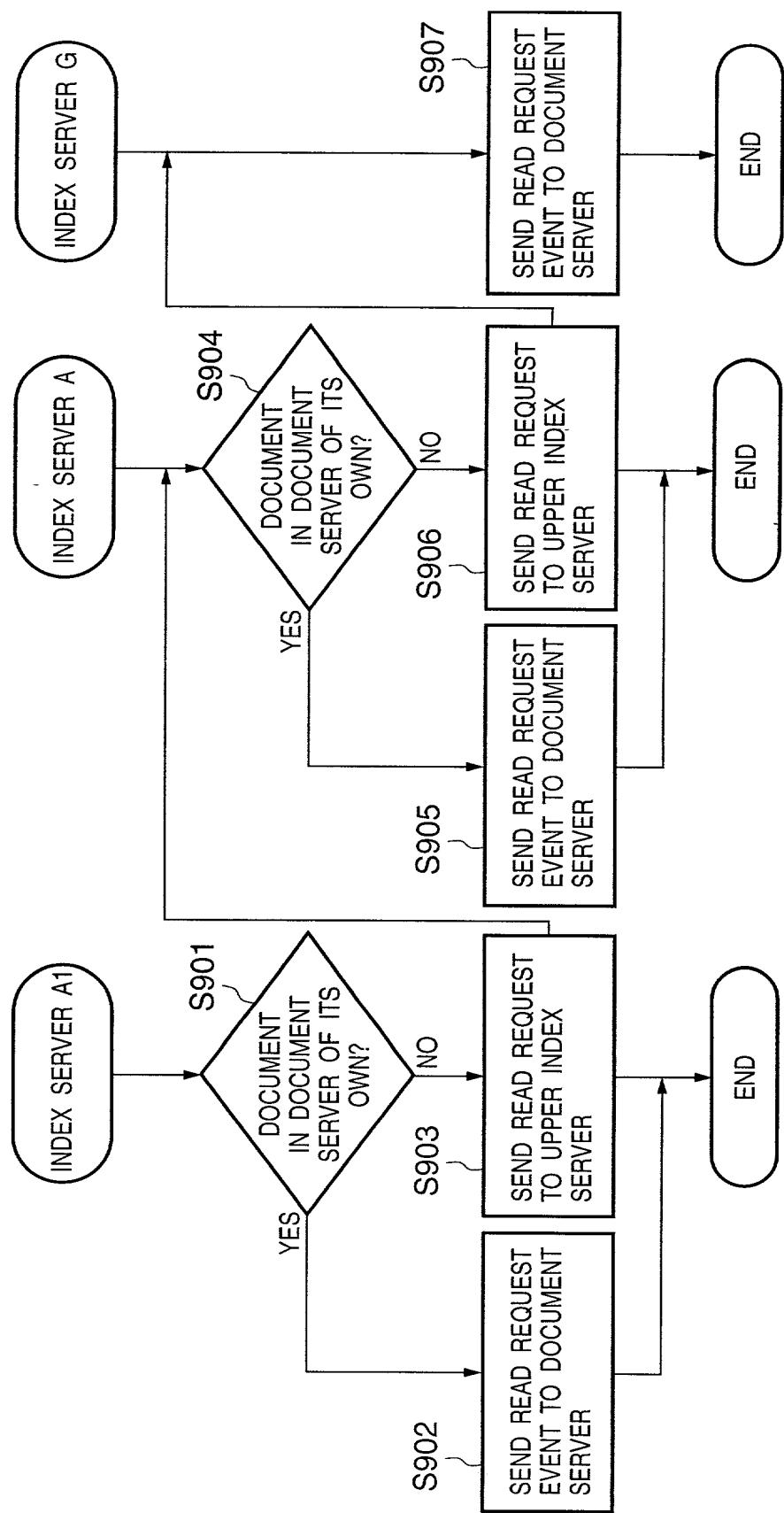
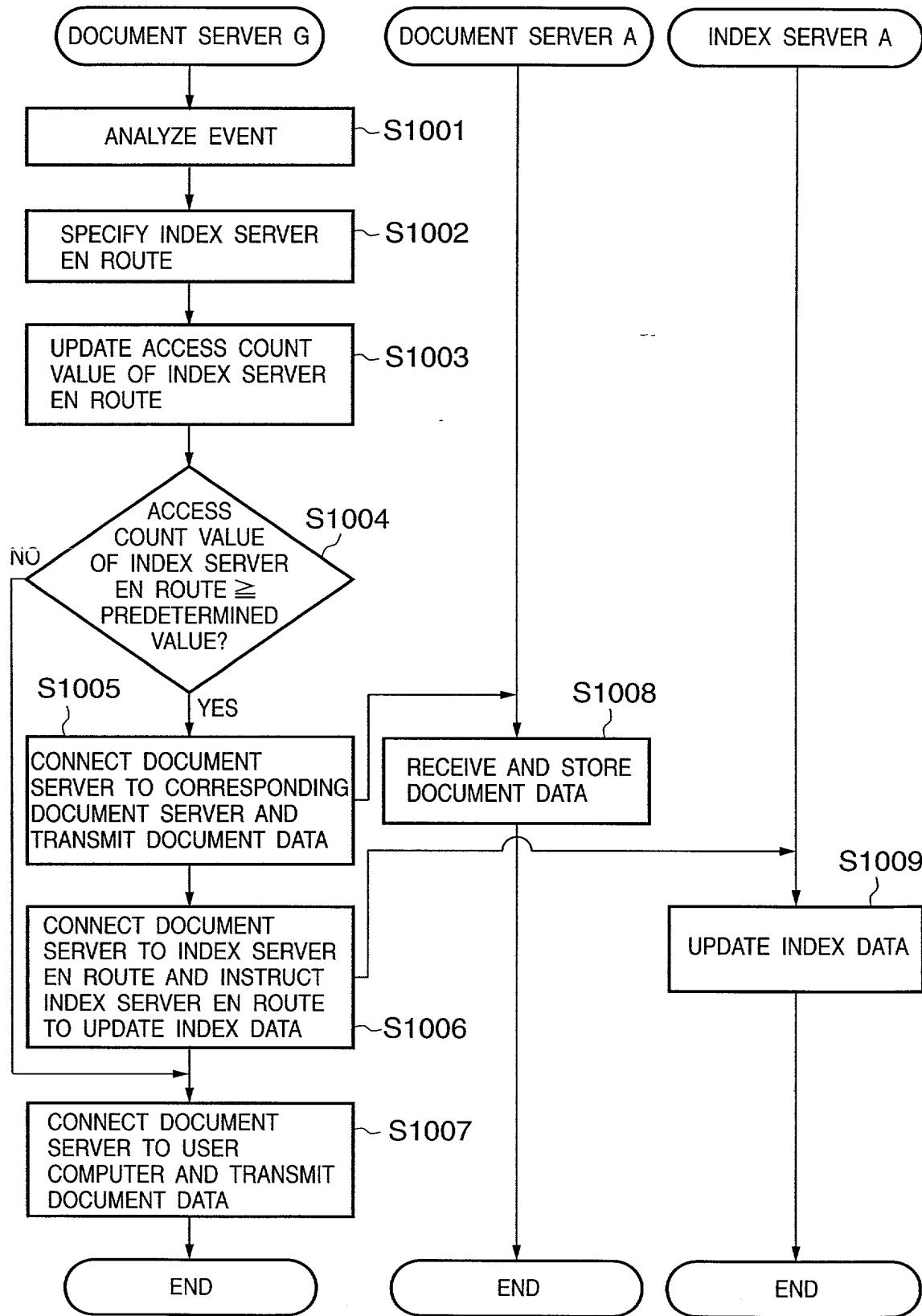
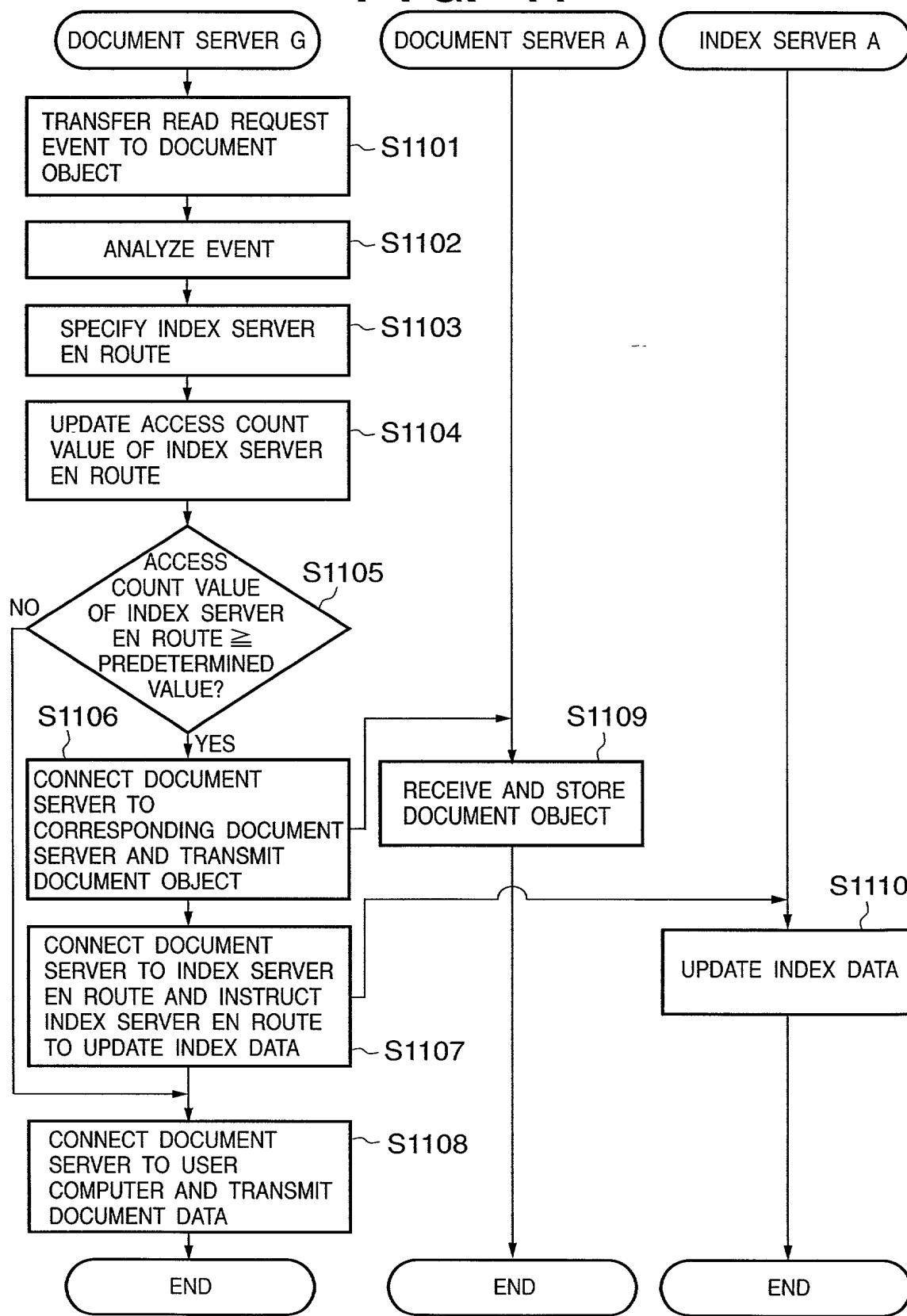


FIG. 10



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FIG. 11



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FIG. 12A

DOCUMENT :	DOCUMENT X
STORAGE POSITION :	SERVER G
ACCESS CODE :	abed
INDEX SERVER EN ROUTE :	
REQUEST SOURCE :	USER Y

FIG. 12B

DOCUMENT :	DOCUMENT X
STORAGE POSITION :	SERVER G
ACCESS CODE :	abed
INDEX SERVER EN ROUTE :	A1
REQUEST SOURCE :	USER Y

FIG. 12C

DOCUMENT :	DOCUMENT X
STORAGE POSITION :	SERVER G
ACCESS CODE :	abed
INDEX SERVER EN ROUTE :	A1-A
REQUEST SOURCE :	USER Y

FIG. 13

DOCUMENT	ACCESS INFORMATION					INDEX SERVER EN ROUTE	
	SERVER A	SERVER B	SERVER C	SERVER A1	SERVER A2	...	
DOCUMENT 1	5	4	0	4	1	...	
DOCUMENT 2	3	3	2	1	2	...	
DOCUMENT 3	7	0	8	2	5	...	
DOCUMENT 4	2	0	1	0	2	...	
...	

FIG. 14

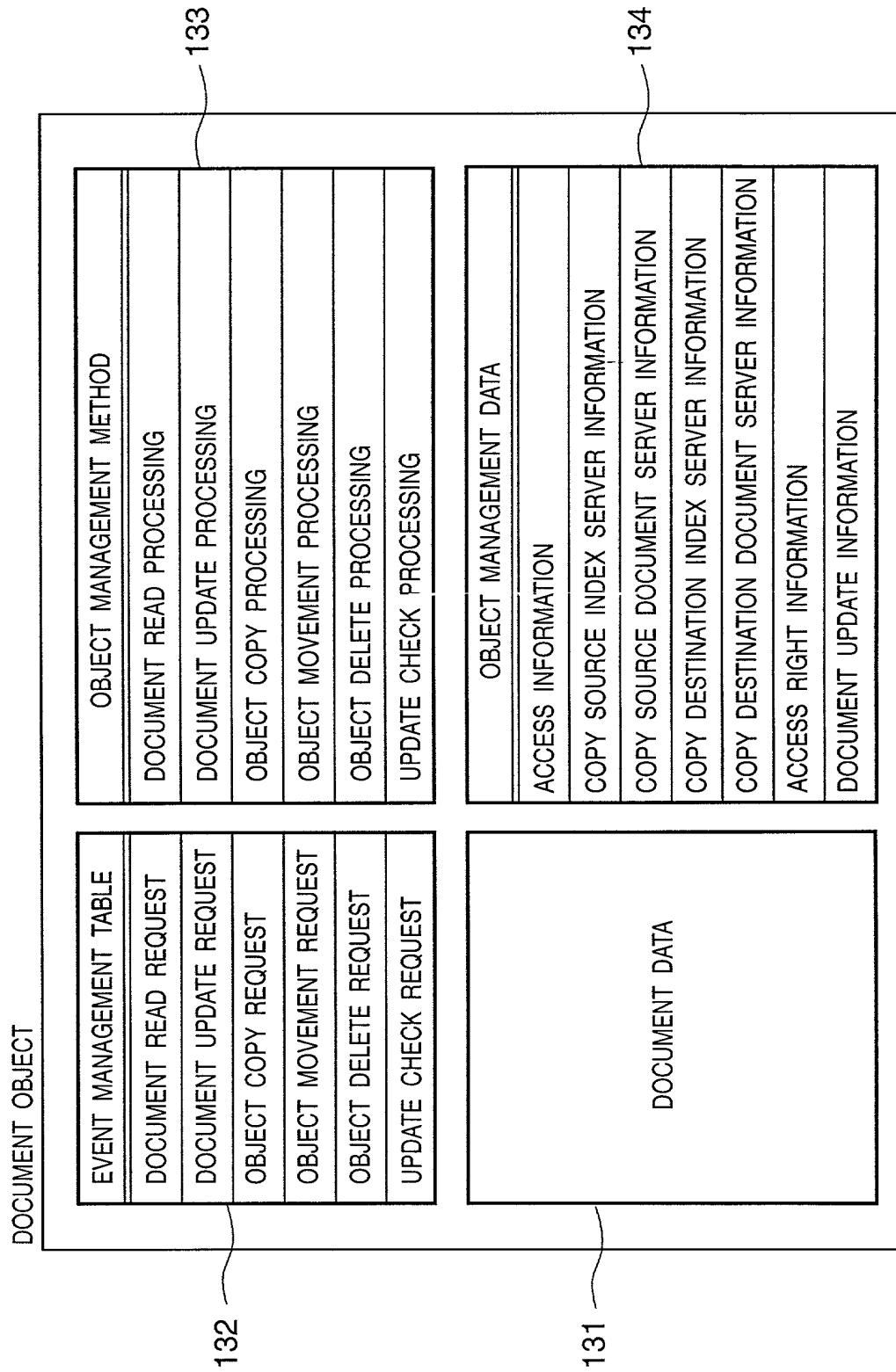


FIG. 15

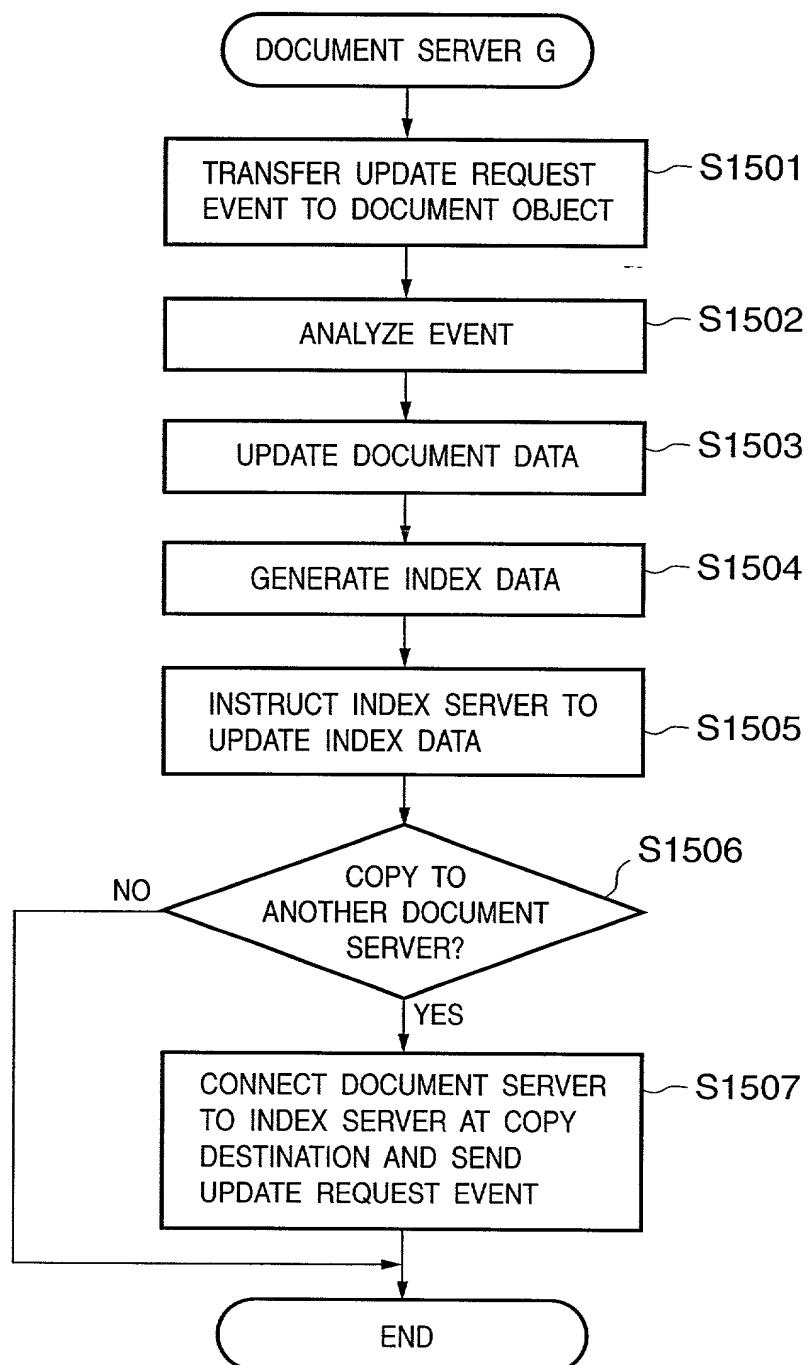


FIG. 16

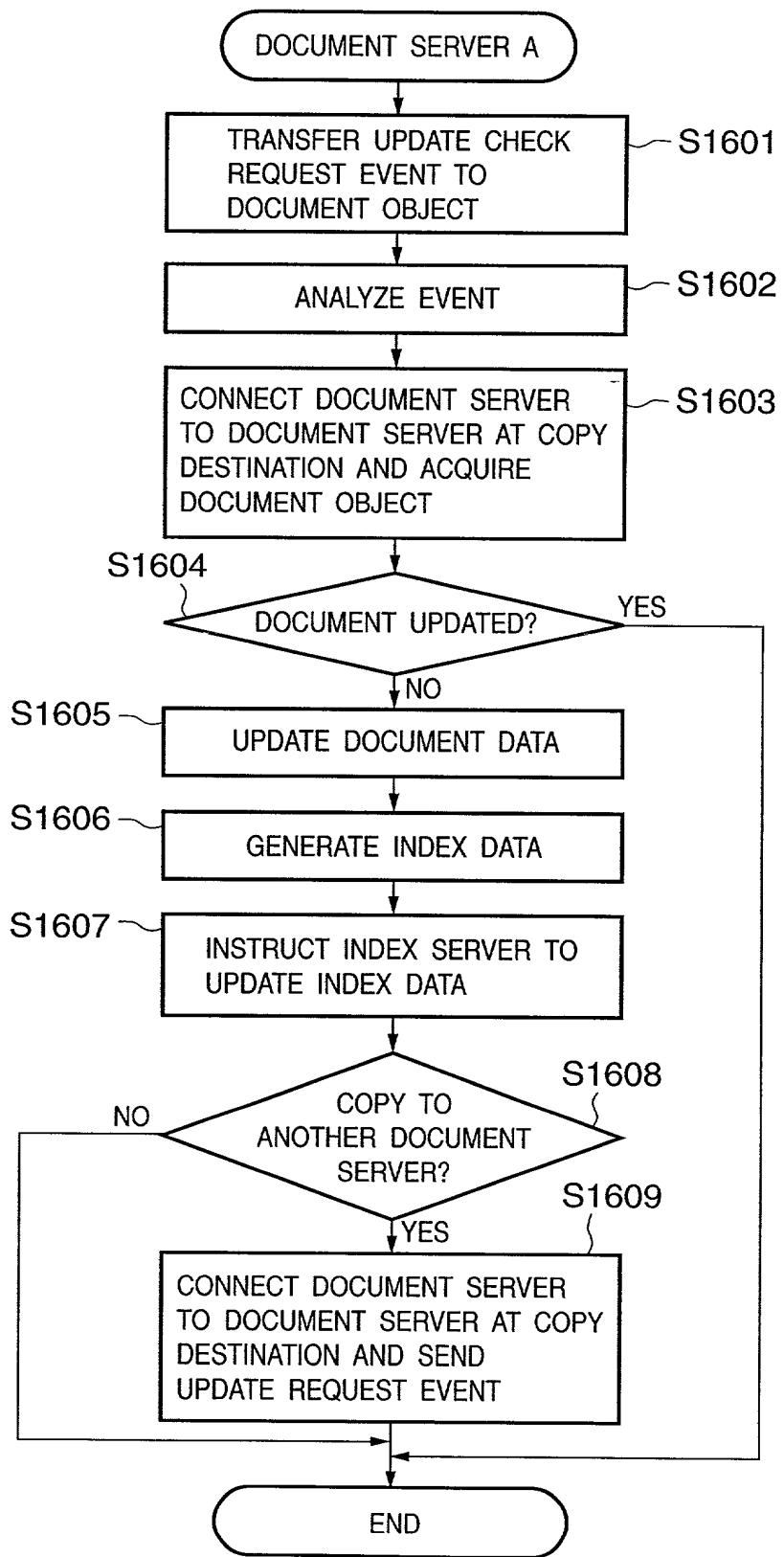


FIG. 17

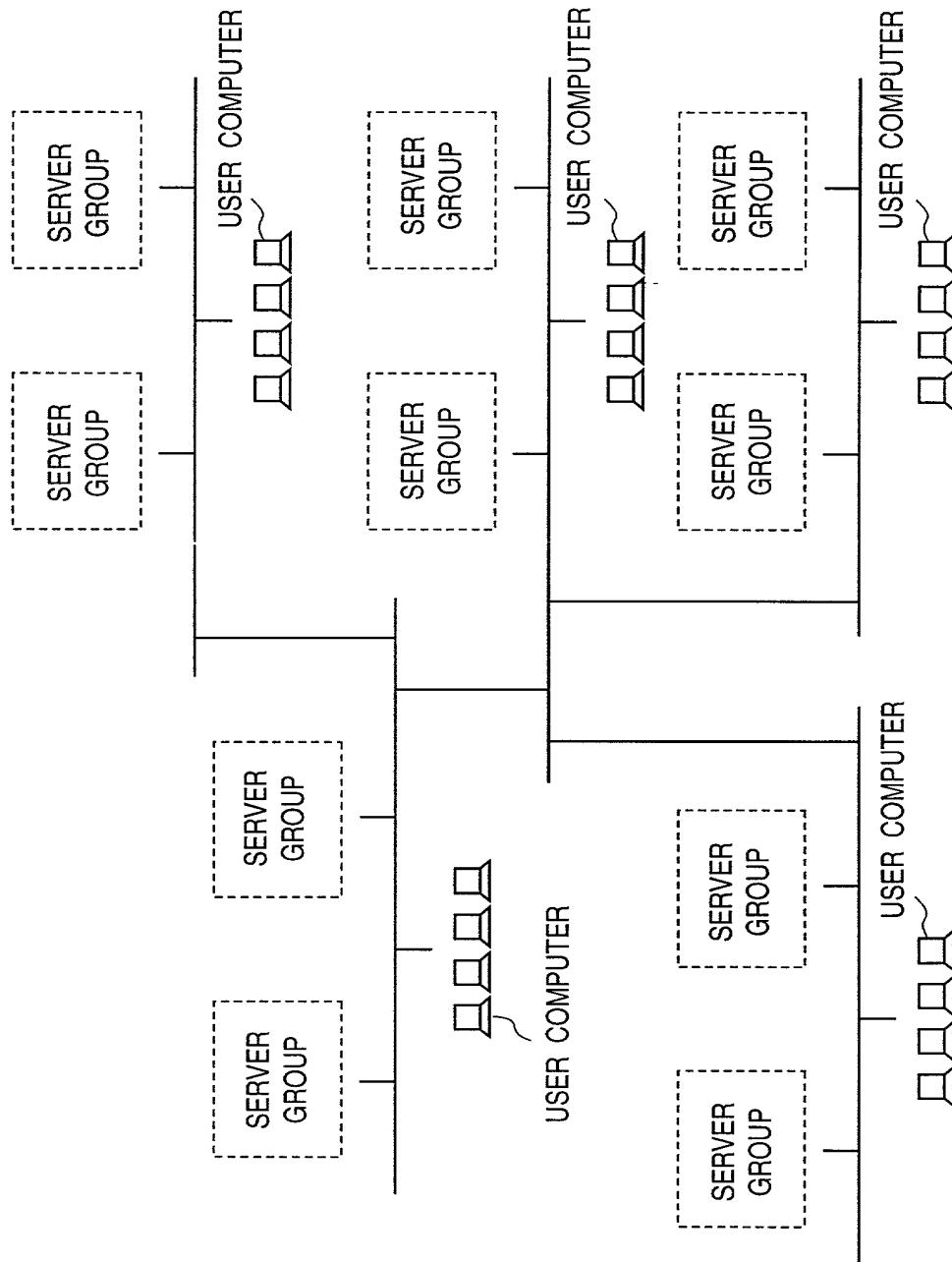


FIG. 18

ROUTE INDEX INFORMATION

REQUEST SOURCE	INDEX SERVER EN ROUTE
USER COMPUTER OF GROUP A1	SERVER A1 - SERVER A
USER COMPUTER OF GROUP A2	SERVER A2 - SERVER A
USER COMPUTER OF GROUP B1	SERVER B1 - SERVER B
USER COMPUTER OF GROUP B2	SERVER B2 - SERVER B
USER COMPUTER OF GROUP C1	SERVER C1 - SERVER C
USER COMPUTER OF GROUP C2	SERVER C2 - SERVER C